

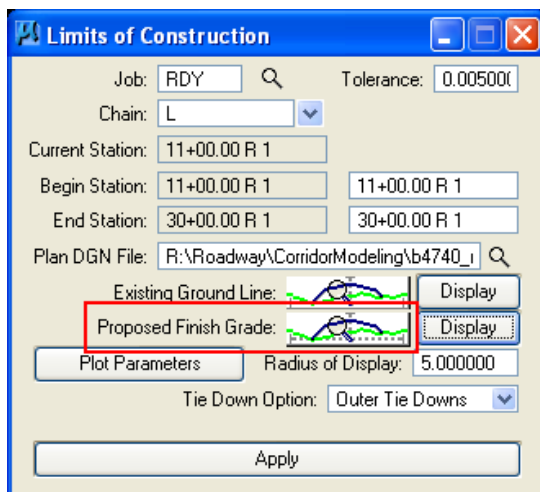
## 5\_1 LIMITS OF CONSTRUCTION FROM MODELER X-SECTIONS

### Question:

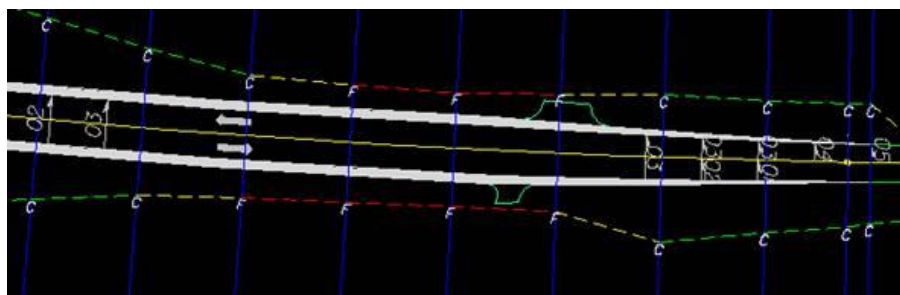
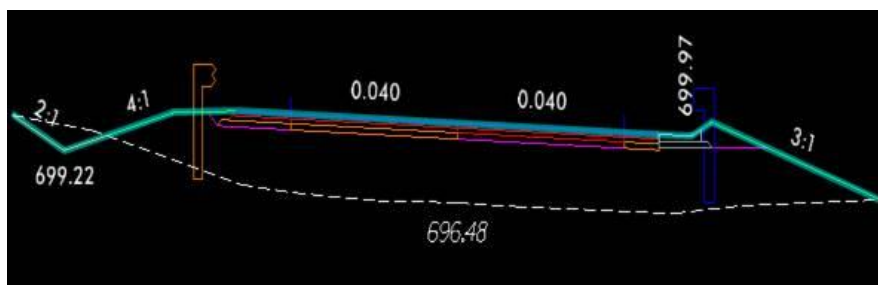
I am having some issues with the Limits of Construction program. The cross sections generated from Corridor Modeling DTMs are not drawing the cut and fill lines correctly. What is causing it and how do I fix it?

### Answer:

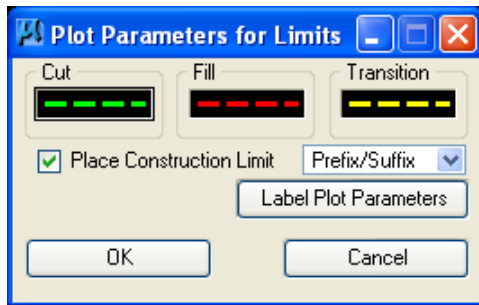
Cross sections generated from Corridor Modeling DTMs contained duplicate lines on separate levels on top of each other (for earthwork reasons). For LoC, select just the top surface elements (not including their duplicate counterparts). Below is a list levels that should be selected as the "Proposed Finished Grade". Include only these levels even though the cross sections may not have them.



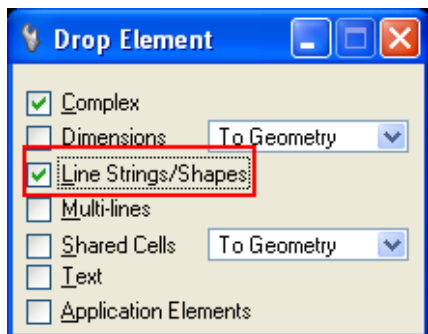
- Prop CMT Slope Grass
- Prop CMT Pvm Surface Shoulder
- Prop CMT Pvm Surface
- Prop CMT Ditch DDE
- Prop CMT Conc Surface



The above procedure assumes the correct "Plot Parameters" (Prop SS Cut Line, Prop SS Fill Line, Prop SS Transition Line, etc. ) were chosen.



If after selecting the correct proposed finished grade levels and LoC is still not drawing the slope stake lines correctly, first turn off the green x-section cell level. Then select all of the elements in the XSC DGN file and drop the complex status (Linestrings/Shapes).



Cross sections generated from Corridor Modeling DTMs automatically are placed as linestring type of elements. By dropping the complex linestring state to simple lines, sometime will fix LoC issues.

